Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_

**My Costa Rican ecosystem:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Following components must be included:**

* **Climate and Location(s):** Describe the climate and location for ecosystem, including at least one map with at least two pictures that enhance the understanding of the map. (Written & visual)
* **Animals and Plants:** Name and visually present animals and plants in the ecosystem, including noting any that are endangered. Note whether any human populations are present and their impact. (Written & visual)
* **Food Web:** Create a visual model of at least 1 food web in the ecosystem, including a minimum of 3 food chains within the food web. (Visual model & labels)
* **Environmental Concerns:** Note any environmental concerns and/or efforts toward conservation of species or habitats. A “call to action” should be included. (Written letter to a person with power to make a change.)

**Suggested visual components:**

* Poster to display pictures and information
* Diorama of ecosystem
* Physical model
* Acting out a food web with the other students in the class
* “Call to action” poster
* Power point presentation
* Video presentation

**Suggested written components:**

* Report
* Power point presentation

**Mandatory written components:**

* Environmental concerns letter written to a person with power to make a change
* References page

|  |  |  |
| --- | --- | --- |
| **Due Date** | **Pacing: Deadlines for component completion** |  |
| Thursday 1/12 | Research climate and location of eco system, draft description of both. Create outline of map. |  |
| Friday 1/13 | Complete map of eco system location within Costa Rica, and choose two pictures to enhance understanding of map. |  |
| Monday 1/16 | Research animals, plants, and human impact within eco system, draft descriptions of all. Create outline for visual presentation. |  |
| Wednesday 1/18 | Complete visual presentation of animals and plants within eco system. |  |
| Thursday 1/19 | Research various food chains within eco system. |  |
| Friday 1/20 | Put together food chains to make a draft web. |  |
| Monday 1/23 | Complete visual model of food web. |  |
| Wednesday 1/25 | Research environmental concerns or conservation efforts for species and/or habitats of eco system. |  |
| Thursday 1/26 | Generate ideas/fill out persuasive letter organizer to plan “call to action” letter. |  |
| Friday 1/27 | Draft “call to action” letter. |  |
| Monday 1/30 | Edit and revise “call to action” letter. |  |
| Wednesday 2/1 | Completed references page. Complete any unfinished work. |  |
| Thursday 2/2 | Presentations |  |
| Frida 2/3 | Presentations |  |

\*\*\*Please note, in addition working on your project in class you will be expected to put a significant amount of time into your project at home as homework. Class time is where you will do the bulk of your research and drafting. You will spend time at home, editing and creating final drafts.